

# Brendan Chan

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## OBJECTIVE

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To use biochemical analytical tools as a research method for improving future and existing biotechnologies.

## EDUCATION

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- High School Diploma, Killarney Secondary Graduated June 17, 2016
- BSc – Major in Biochemistry, University of British Columbia Estimated completion in November 2021

## WORK EXPERIENCE

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### Lepzi Biotechnology Ltd. – Research Assistant January 2020 – August 2020

- Designed research experiments to assess current state of project
- Analyzed and formulated data to be used in calibration standards for products
- Wrote various reports and presentations to inform fellow team members and supervisors of work progress
- Determined methods of approach to solve various problems found within products

### Viva Pharmaceuticals – Quality Control Technician April 2019 – December 2019

- Ran various chemical tests such as HPLC analysis, GC-MS, UPLC analysis to assess product quality
- Conducted physical property tests on products such as LOD tests, pH tests, particle size measurements
- Wrote reports detailing possible changes required to raise product quality to GMP regulations
- Worked with local chemical disposal depots to ensure all chemical waste is appropriately managed

### Nordstrom – Sales Assistant April 2018 – September 2018

- Assisted Sales Associates with various recommendations for products
- Organized and managed inventory across various departments
- Served as a cashier for selling and refunding various purchases
- Worked with local businesses for business collaborations such as the complimentary shoe repair service

## TECHNICAL SKILLS

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- Experience with analytical chemistry techniques such as GC-MS, UPLC, and HPLC to determine analyte concentration
- Experience with common organic chemistry lab skills such as  $^1\text{H}$  and  $^{13}\text{C}$  NMR analysis, IR Spectroscopy, rotary evaporation, recrystallization, flash column chromatography
- Experience with common biochemical lab tools such as PCR, cell transformation, protein assays, gel electrophoresis

## ACHIEVEMENTS & AWARDS

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- Killarney Secondary Honor Roll 2011 - 2016
- Killarney Secondary Principal's List 2014 - 2015
- UBC Dean's List 2016 - 2018

## REFERENCES

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- Available upon request